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## PATENT

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application Ser. No.	10/645,587
Filing Date:	August 22, 2003
Inventor:	Moore
Group Art Unit:	1753
Examiner:	Mayekar, Kishor
Title:	FALLING FILM PLASMA REACTOR
Attorney Ref:	MOOR3002.2D/TJM

### RESPONSE TO RESTRICTION REQUIREMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Applicant elects Group I, Claims 1-6, drawn to a method of operating a falling film plasma reactor. This is responsive to the Office Action dated January 10, 2007.

This Response is filed within the initial period for response, and no petition for extension of time is required.

Applicant is asked to "include an identification of the species that is elected constant with this requirement," as stated on page 3 of the Office Action. In response, Applicant identifies the species disclosed on page 38, line 4 to page 42, line 23 of the specification. See also Figure 25 on sheet 19.

**U.S. Application No. 10/645,587**  
**RESPONSE TO RESTRICTION REQUIREMENT**

Applicant submits herewith a Supplemental Application Data Sheet (ADS).

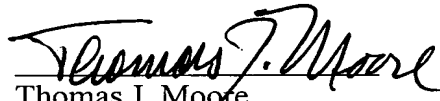
Applicant solicits an allowance of claims 1-6.

Date: February 12, 2007

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Respectfully submitted,

A handwritten signature in black ink, appearing to read "Thomas J. Moore", is written over a horizontal line.

Thomas J. Moore  
Attorney for Applicant  
Reg. No. 28,974